



STATE OF UTAH
NATURAL RESOURCES
Oil, Gas & Mining

ACT/029/009
#7?
Norman H. Bangerter, Governor
Dee C. Hansen, Executive Director
Dianne R. Nielson, Ph.D., Division Director

355 W. North Temple • 3 Triad Center • Suite 350 • Salt Lake City, UT 84180-1203 • 801-538-5340

September 19, 1986

Mr. Glenn Mellor
Senior Geologist
Sunshine Mining Company
P. O. Box 250
Eureka, Utah 84628

Dear Mr. Mellor:

Re: Mine Tailings Analysis, Trixie Tailings Ponds Modification,
ACT/029/009, Utah County, Utah

The interpretation of the Acid Base Potential (ABP) results from Ford Chemical (5-12-86) has been a concern between the Department of Health, yourself and the Division. The analytical report listed the ABP as 10.3. Through telephone conversations with Mr. Ford and myself (9-16-86) the presented data was found to be the total acid production potential (APP). The ABP is determined by subtracting the APP from the neutralization potential (NP). NP is defined as the percent CaCO_3 . The Division request that the operator analyze and submit the CaCO_3 percent in the tailings material. When at such time that the ABP is known an adequate reclamation plan may be devised.

Should you have any questions, please don't hesitate to call.

Sincerely,

James S. Leatherwood
Reclamation Soils Specialist

jvb
cc: S. McNeil
S. Linner
0060R-23